

1 January – 31 March 2008

*Provisional data*

# Monthly infectious disease summary report

## March 2008



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

*Provisional data*

# South Dakota infectious disease summary

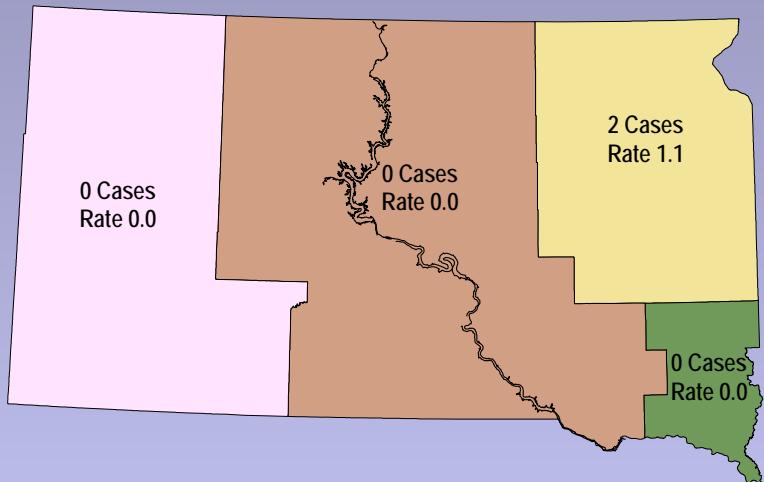
Diseases/Agent	Cases year-to-date	Rate (cases per 100,000 population)	5-yr median cases	Percent change
Campylobacter	29	3.7	23	+26%
Chlamydia	690	88.2	608	+13%
Cryptosporidiosis	9	1.2	5	+80%
E. coli, shiga toxin-producing	2	0.3	1	+100%
Giardiasis	11	1.4	14	-21%
Gonorrhea	61	7.8	68	-10%
HIV AIDS	11	1.4	6	+83%
Meningococcal, invasive	1	0.1	1	0%
MRSA	16	2.0	14	+14%
Pertussis	1	0.1	6	-83%
Rabies, animal	4	NA	12	-67%
Salmonella	16	2.0	21	-24%
Shigellosis	32	4.1	8	+300%
Strep A, invasive	9	1.2	4	+125%
Strep B, invasive	3	0.4	3	0%
Tuberculosis	2	0.3	5	-60%

1 January – 31 March 2008

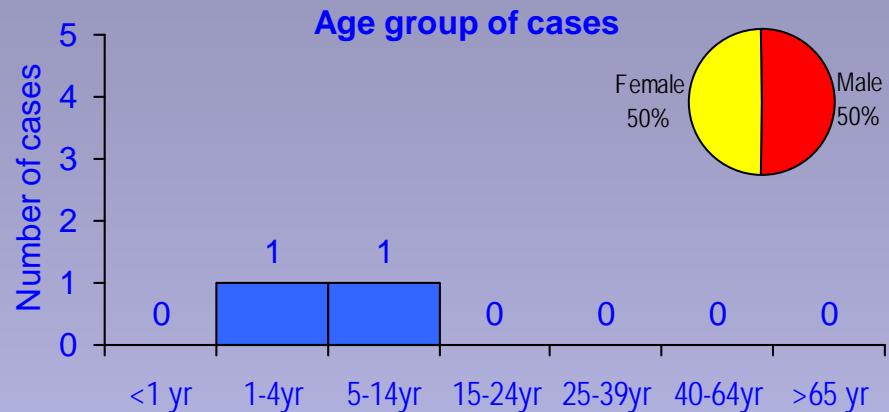
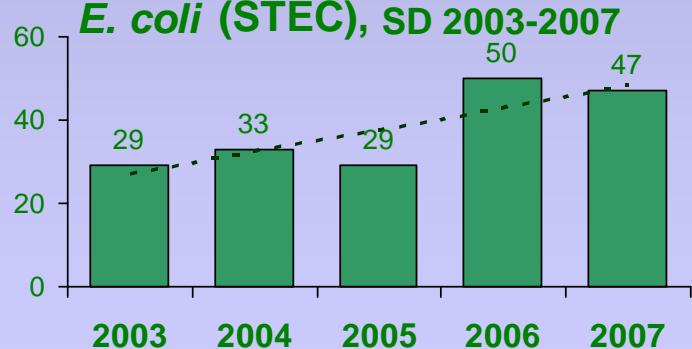
*Provisional data*

# *E. coli, shiga toxin-producing, South Dakota*

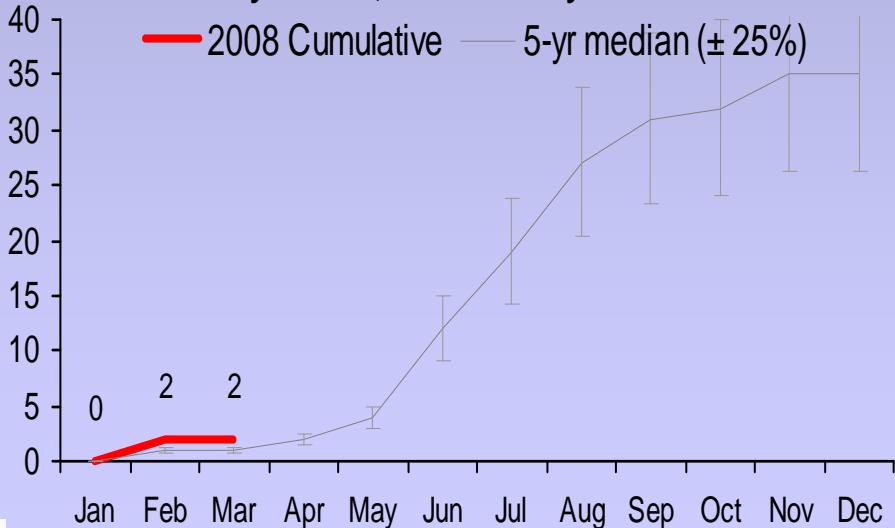
**E. coli, Shiga toxin-producing  
South Dakota 2 Cases (Rate 0.3 cases per 100,000 population)**



**E. coli (STEC), SD 2003-2007**



**Cases by month, 2008 and 5-year median**



E. coli fact sheet: <http://doh.sd.gov/diseasefacts>

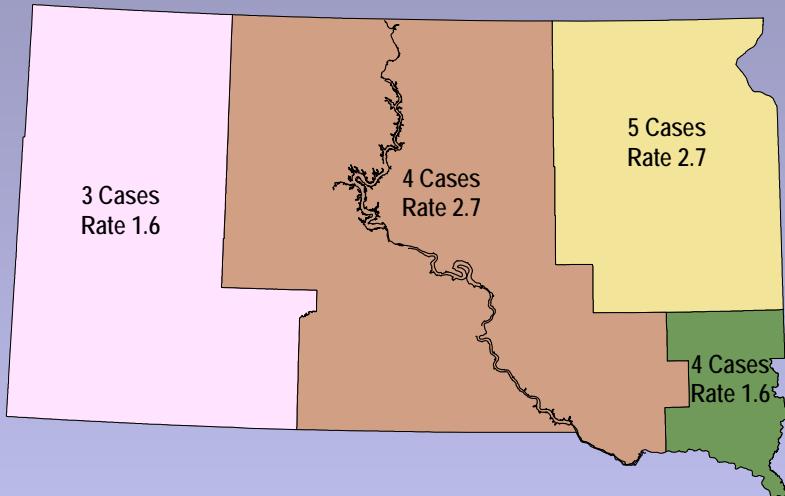
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

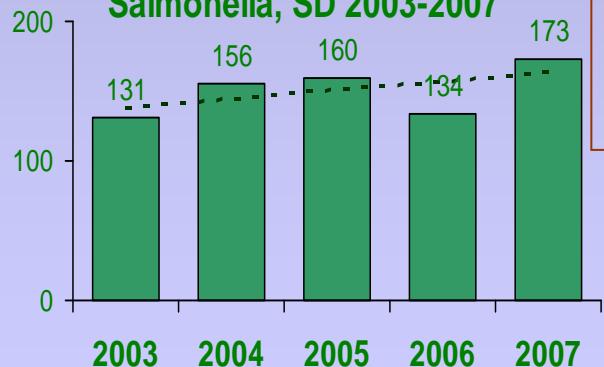
*Provisional data*

# Salmonellosis, South Dakota

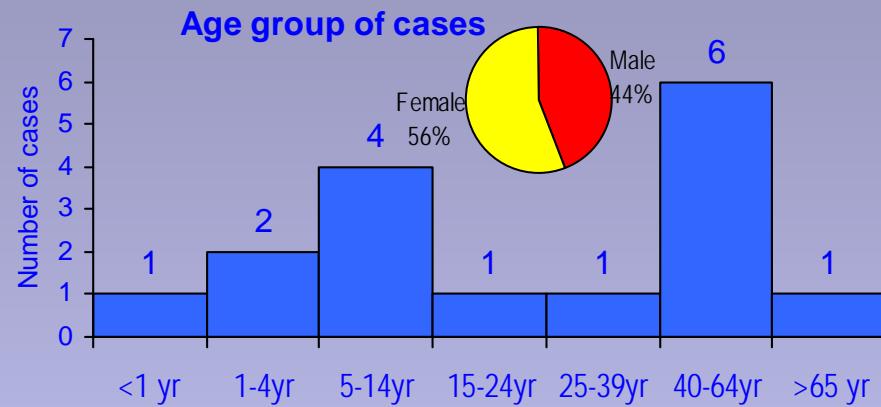
## Salmonellosis South Dakota 16 Cases (Rate 2.0 cases per 100,000 population)



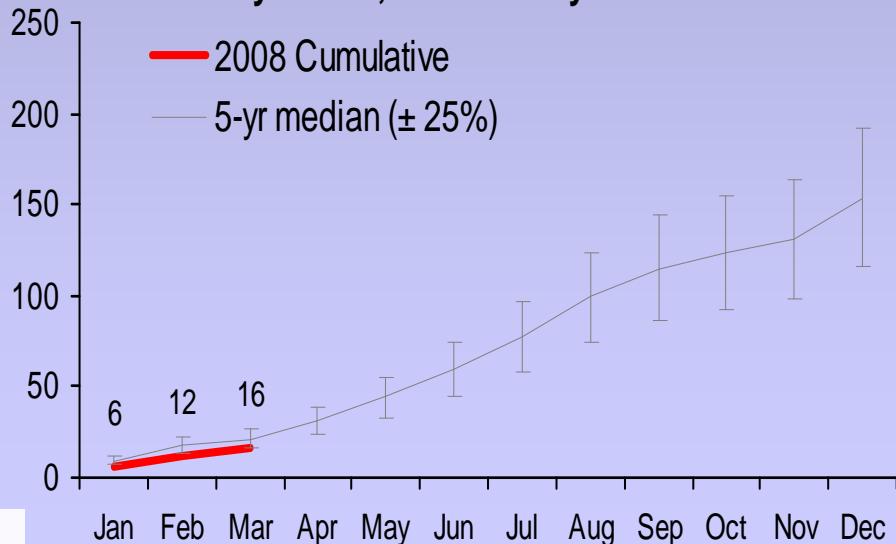
## Salmonella, SD 2003-2007



Serotype (number)  
S. Enteritidis 4  
S. Typhimurium 3  
All other serotypes <3



## Cases by month, 2008 and 5-year median



Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

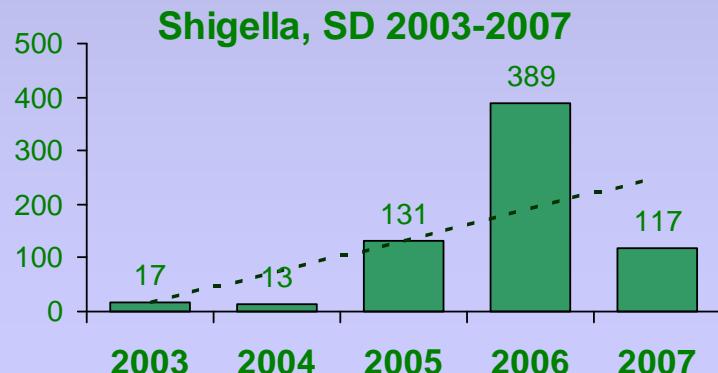
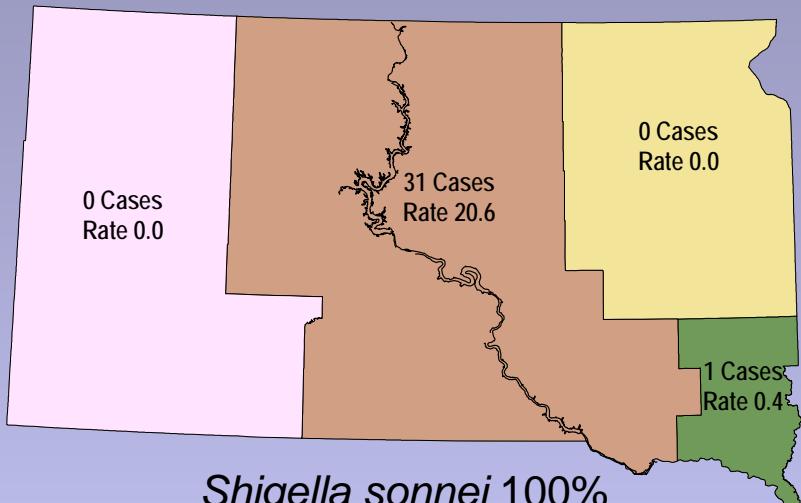
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

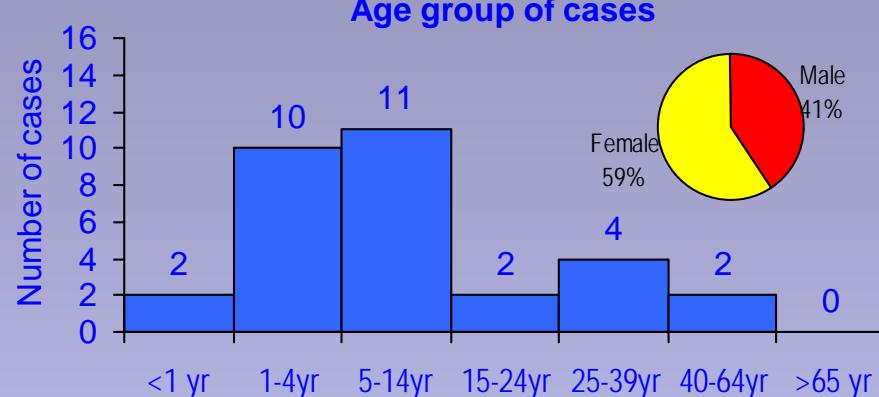
Provisional data

# Shigellosis, South Dakota

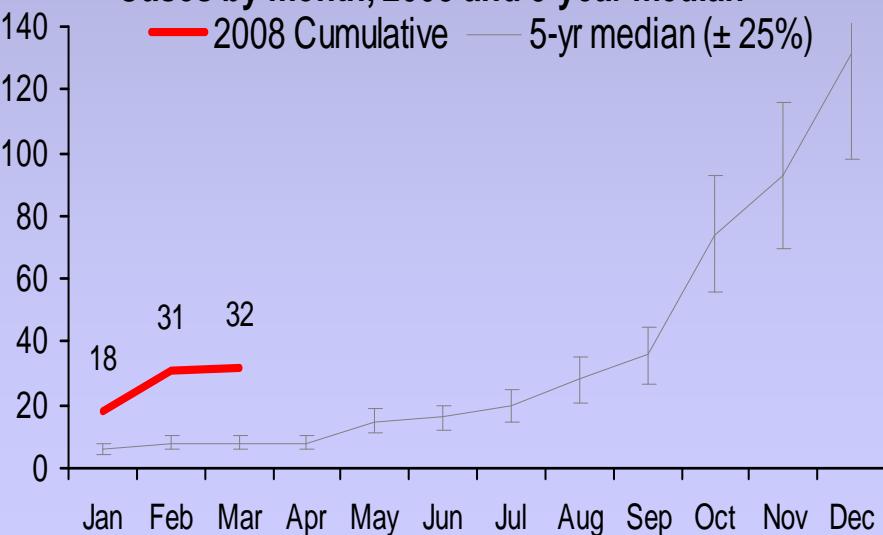
Shigellosis  
South Dakota 32 Cases (Rate 4.1 cases per 100,000 population)



Shigella fact sheet: <http://doh.sd.gov/diseasefacts>



### Cases by month, 2008 and 5-year median

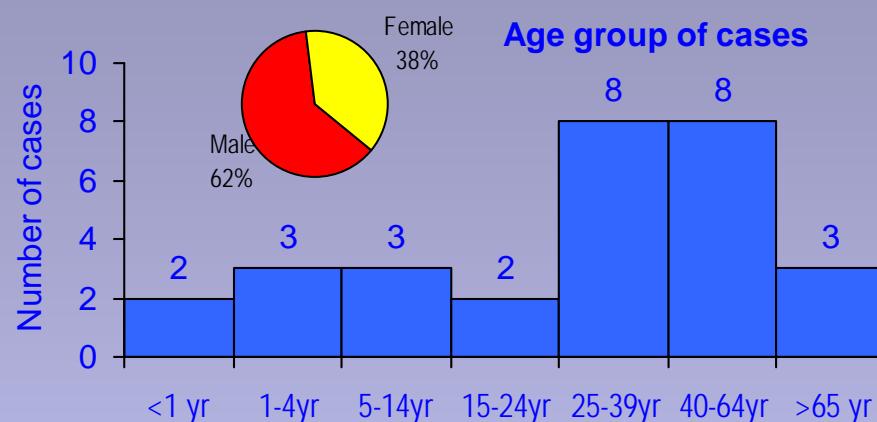
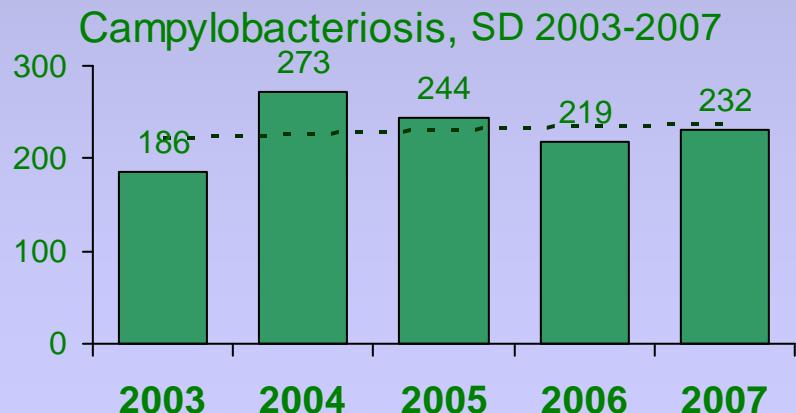
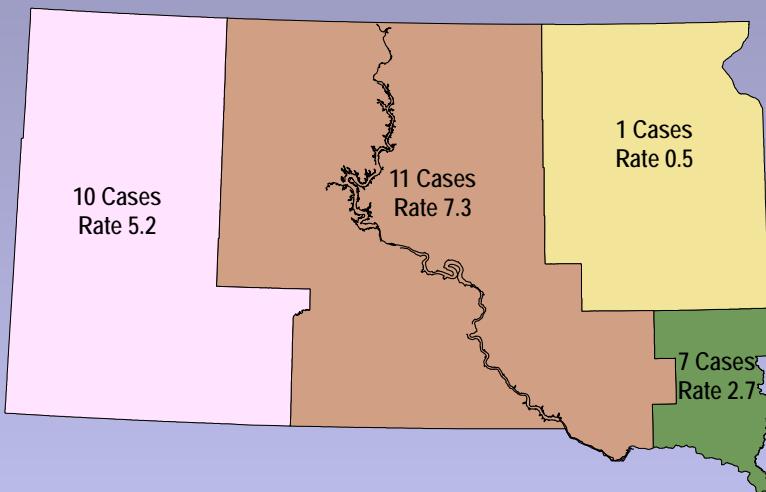


1 January – 31 March 2008

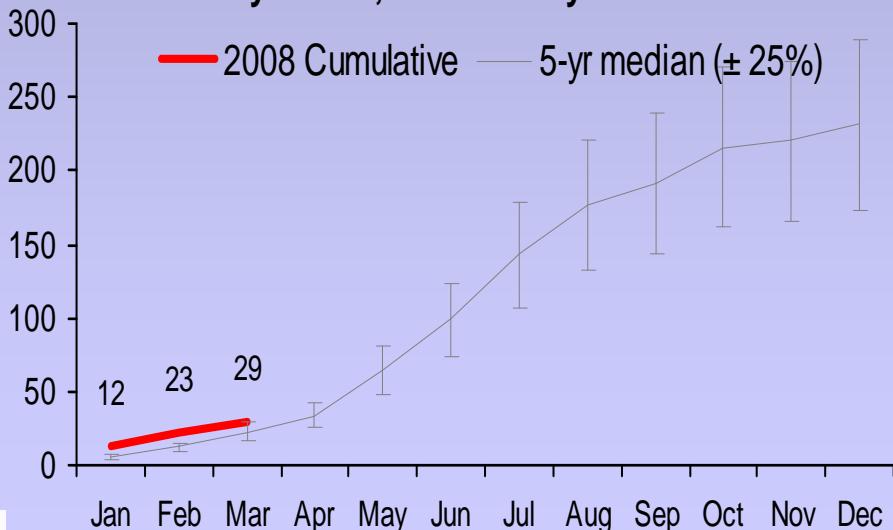
*Provisional data*

# Campylobacteriosis, South Dakota

Campylobacter  
South Dakota 29 Cases (Rate 3.7 cases per 100,000 population)



Cases by month, 2008 and 5-year median



Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

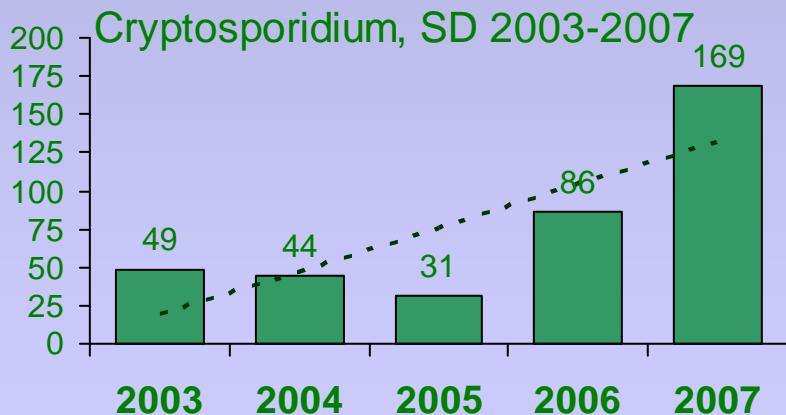
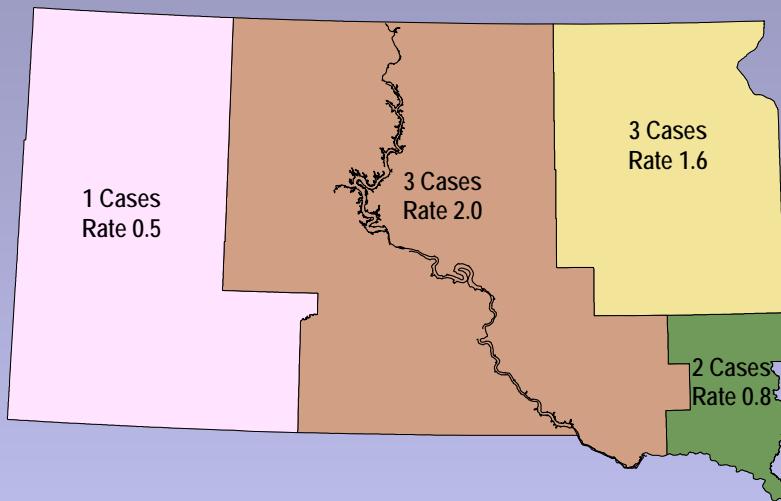
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

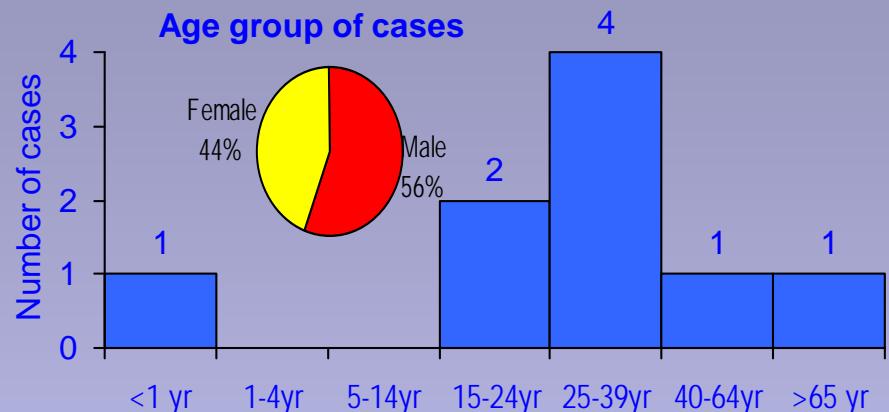
*Provisional data*

# Cryptosporidiosis, South Dakota

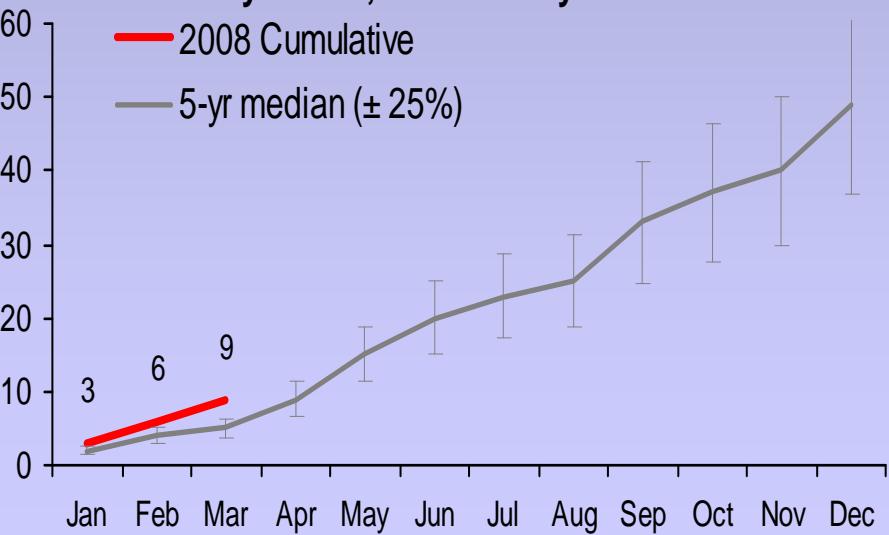
Cryptosporidiosis  
South Dakota 9 Cases (Rate 1.2 cases per 100,000 population)



Cryptosporidiosis fact sheet:  
<http://doh.sd.gov/diseasefacts>



Cases by month, 2008 and 5-year median

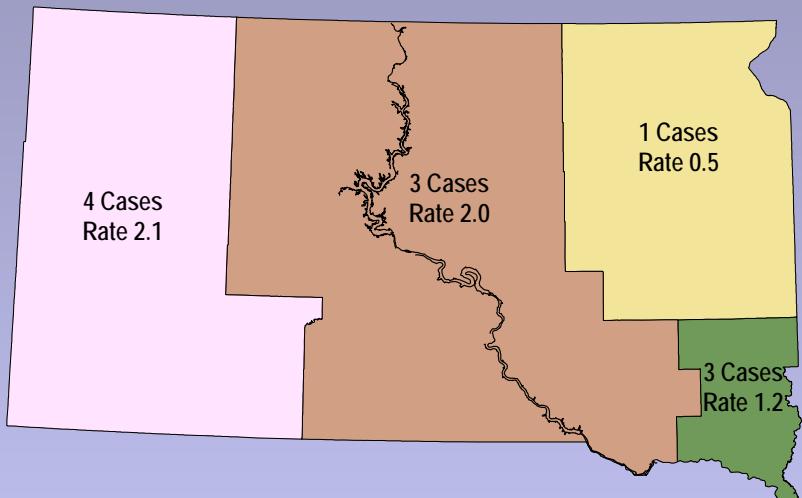


1 January – 31 March 2008

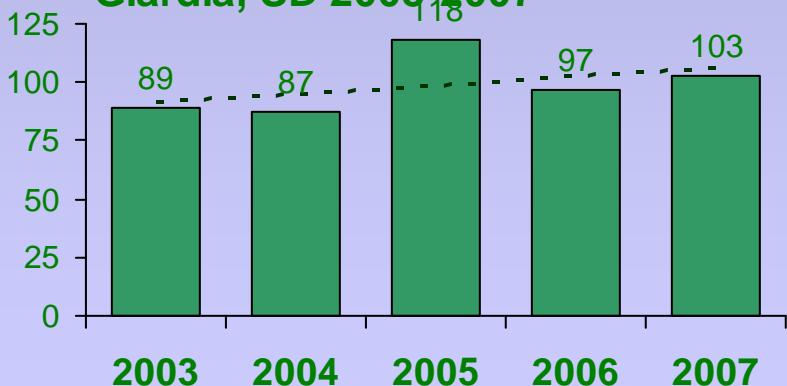
*Provisional data*

# Giardiasis, South Dakota

Giardiasis  
South Dakota 11 Cases (Rate 1.4 cases per 100,000 population)

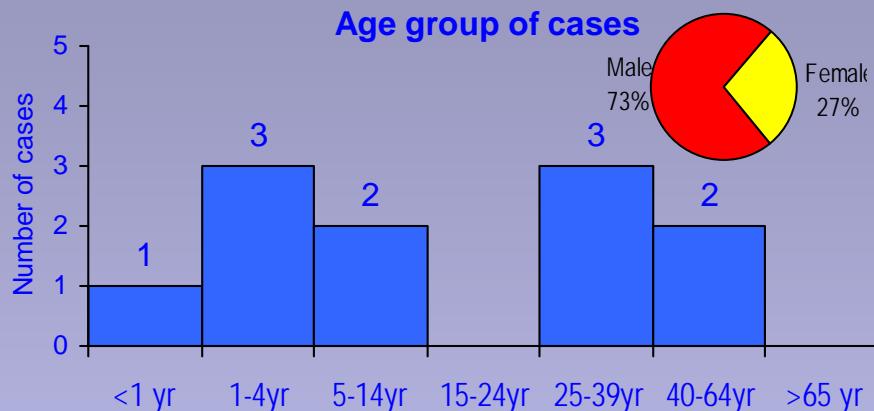


Giardia, SD 2003-2007

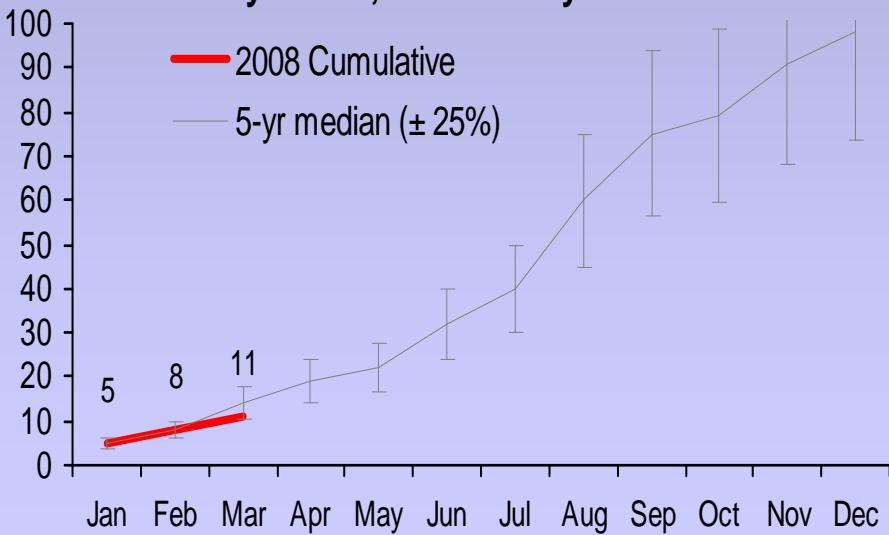


Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

Age group of cases



Cases by month, 2008 and 5-year median

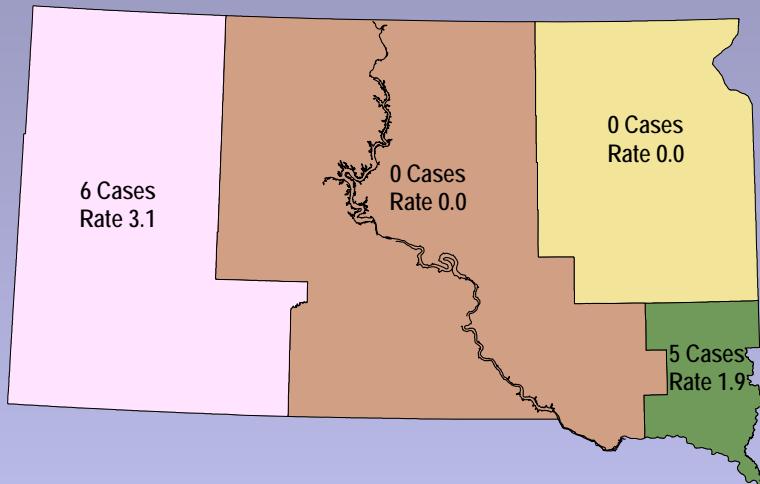


1 January – 31 March 2008

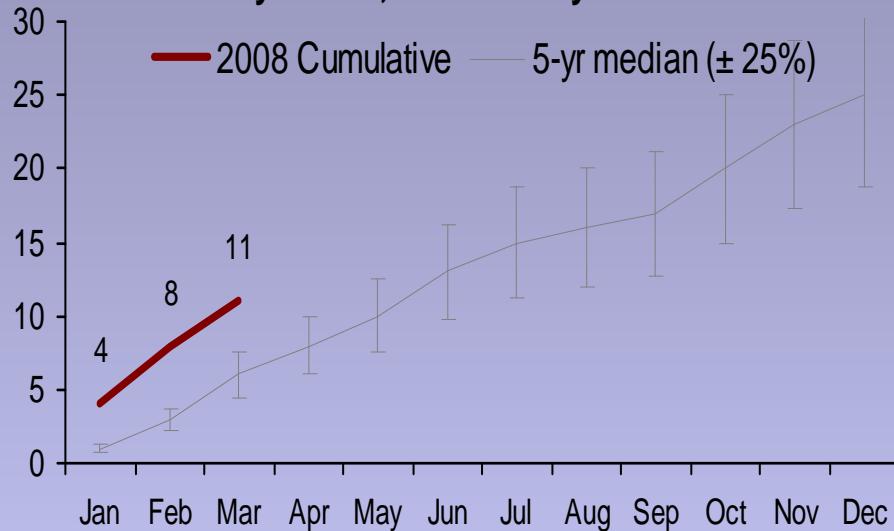
*Provisional data*

# HIV/AIDS, South Dakota

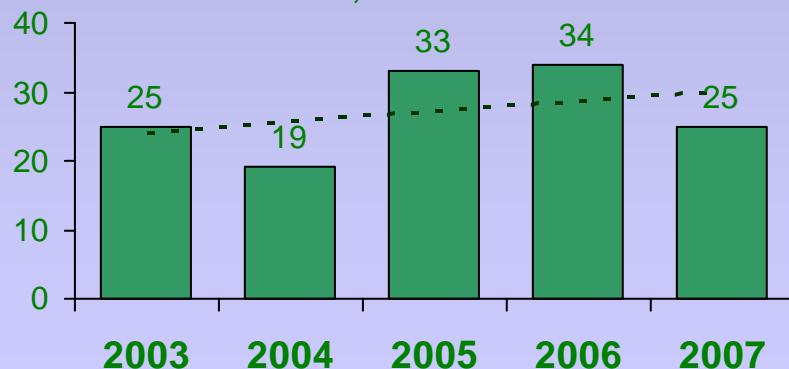
HIV/AIDS  
South Dakota 11 Cases (Rate 1.4 cases per 100,000 population)



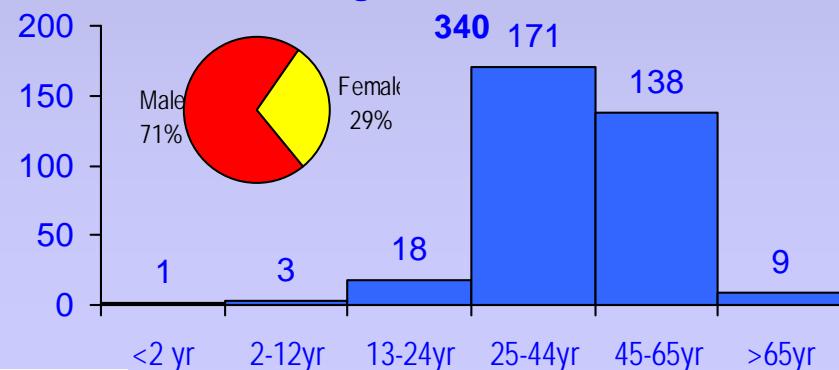
Cases by month, 2008 and 5-year median



HIV/AIDS, SD 2003-2007



Persons living with HIV/AIDS in SD, total



HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

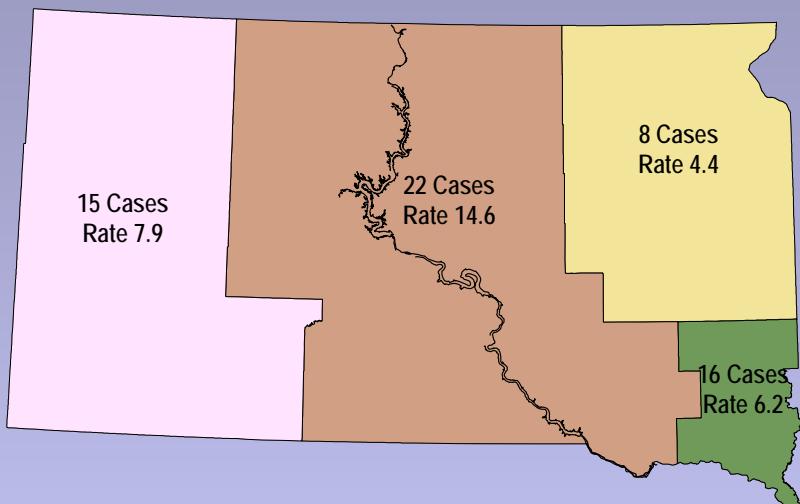
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

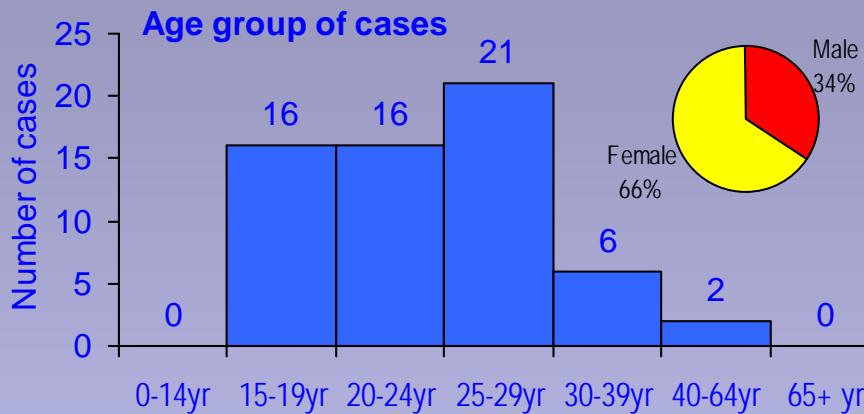
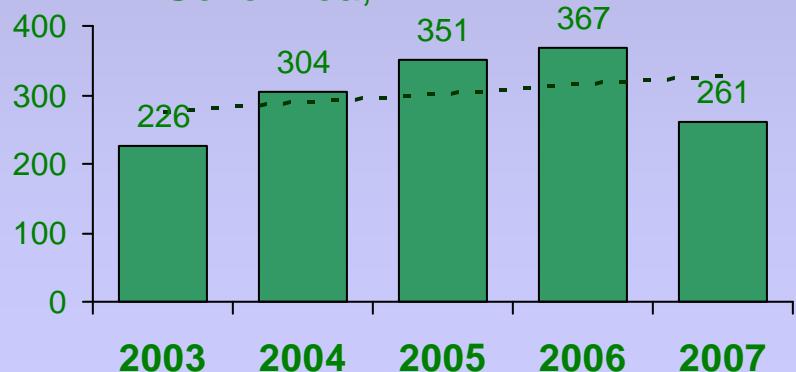
*Provisional data*

# Gonorrhea, South Dakota

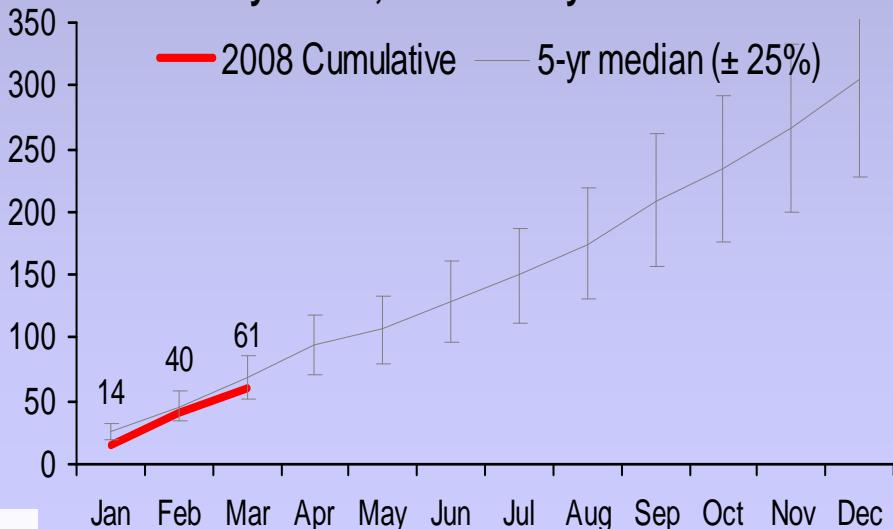
Gonorrhea  
South Dakota 61 Cases (Rate 7.8 cases per 100,000 population)



## Gonorrhea, SD 2003-2007



## Cases by month, 2008 and 5-year median



Gonorrhea fact sheet: <http://doh.sd.gov/diseasefacts>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

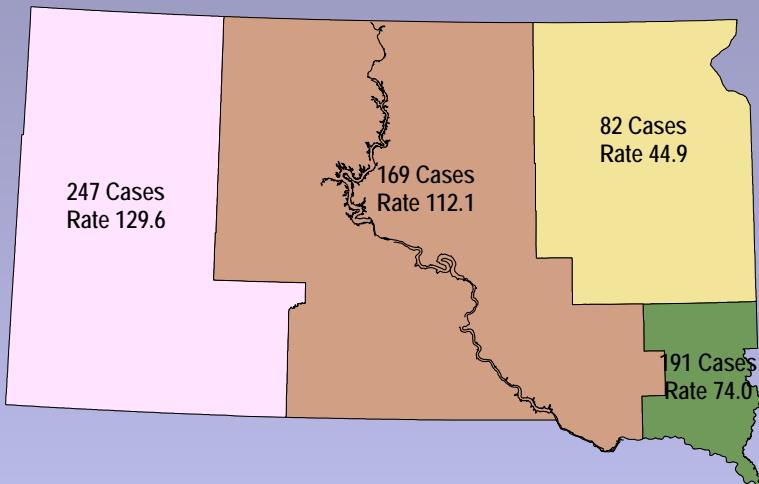
1 January – 31 March 2008

*Provisional data*

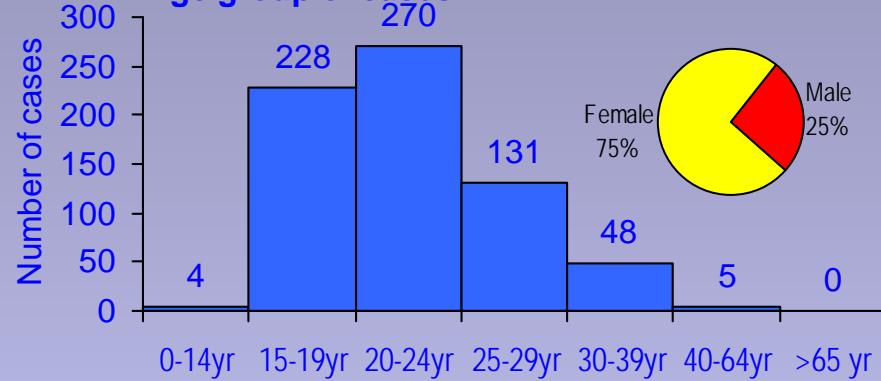
# Chlamydia, South Dakota

## Chlamydia

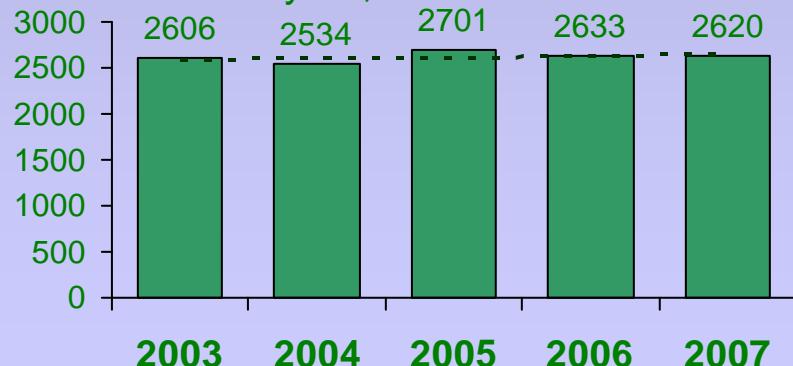
South Dakota 689 Cases (Rate 88.1 cases per 100,000 population)



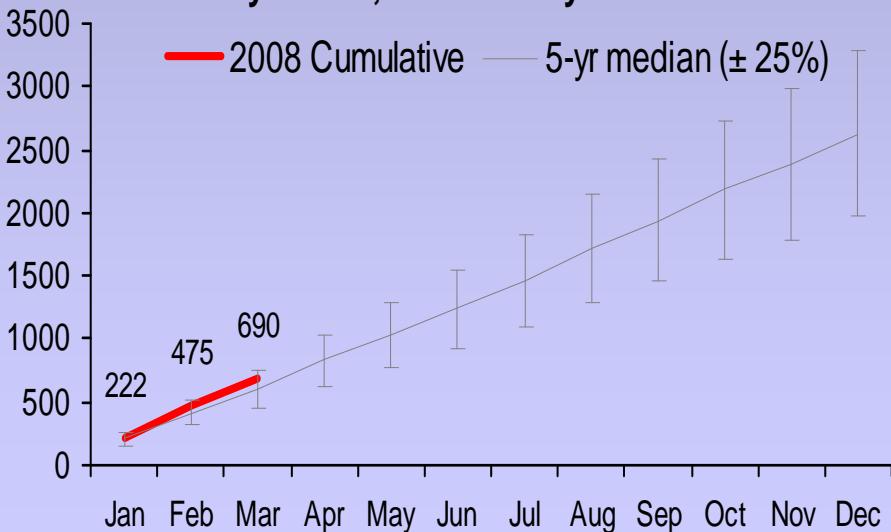
## Age group of cases



## Chlamydia, SD 2003-2007



## Cases by month, 2008 and 5-year median



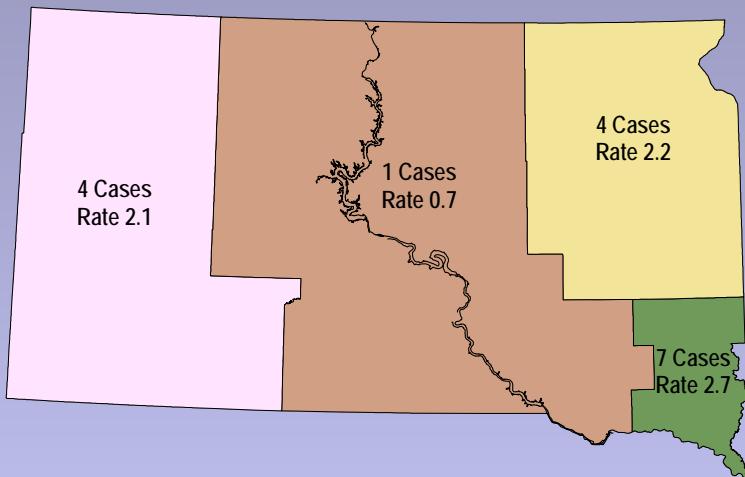
1 January – 31 March 2008

Provisional data

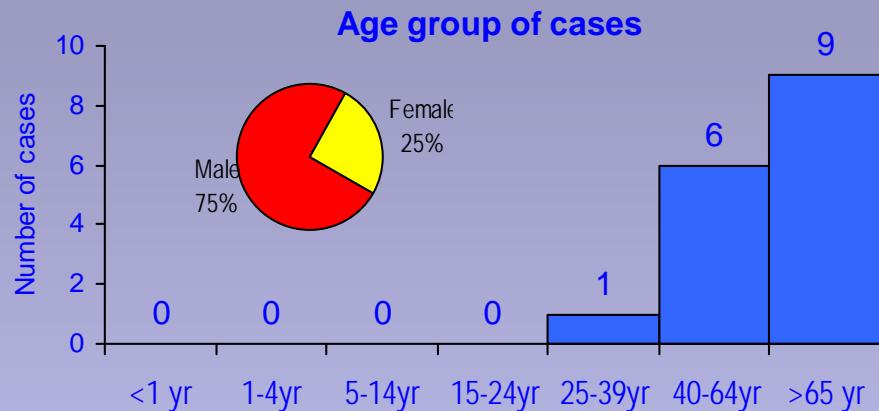
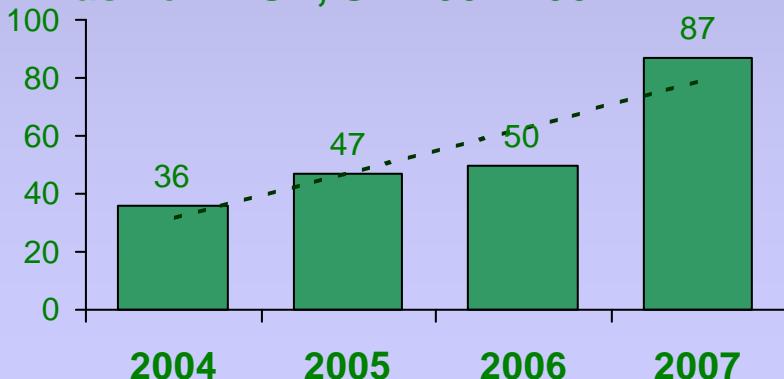
# Invasive MRSA, South Dakota

(Invasive Methicillin-Resistant *Staphylococcus aureus*)

MRSA, Invasive  
South Dakota 16 Cases (Rate 2.0 cases per 100,000 population)

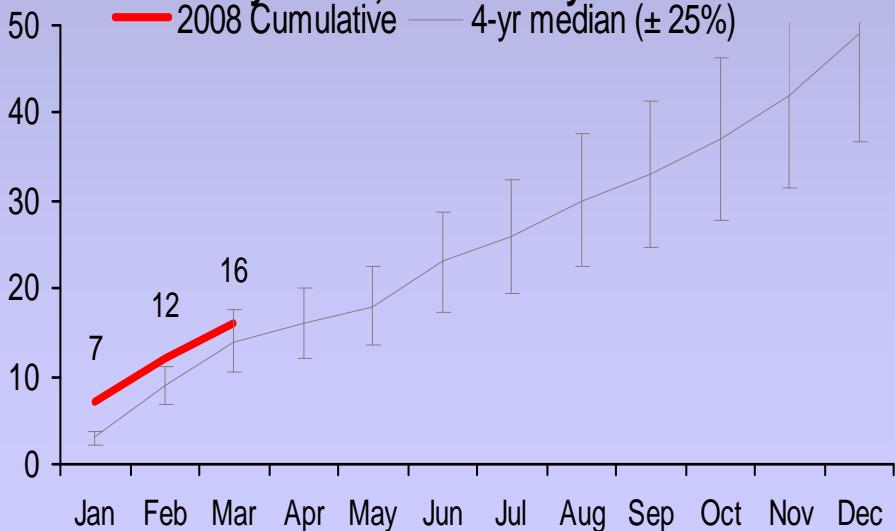


## Invasive MRSA, SD 2004-2007



## Cases by month, 2008 and 4-year median

— 2008 Cumulative — 4-yr median ( $\pm 25\%$ )

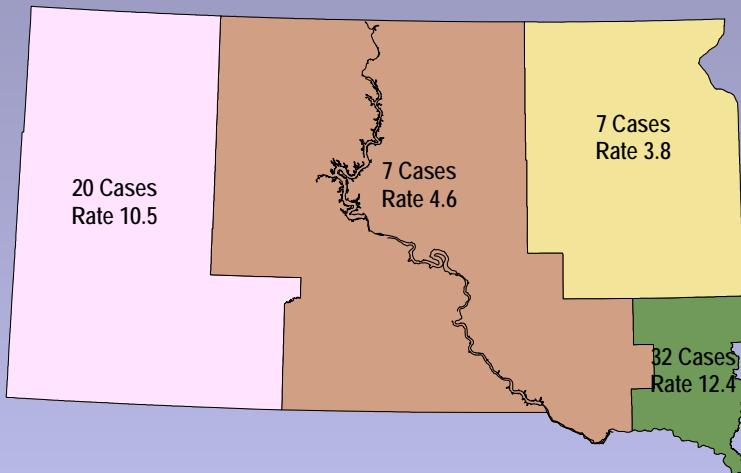


1 January – 31 March 2008

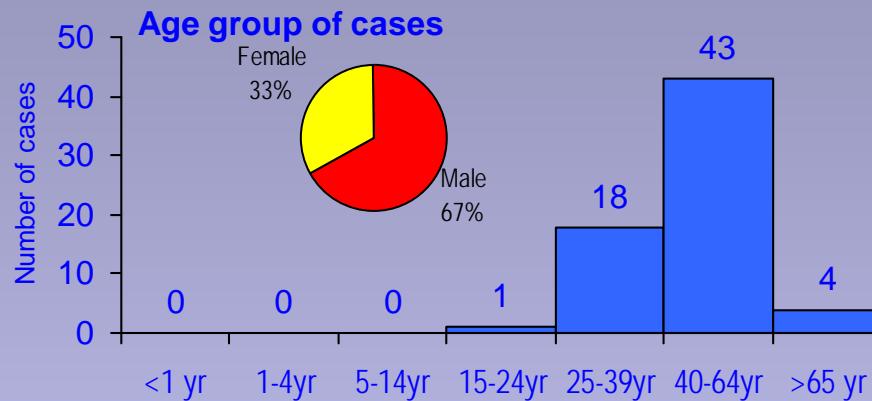
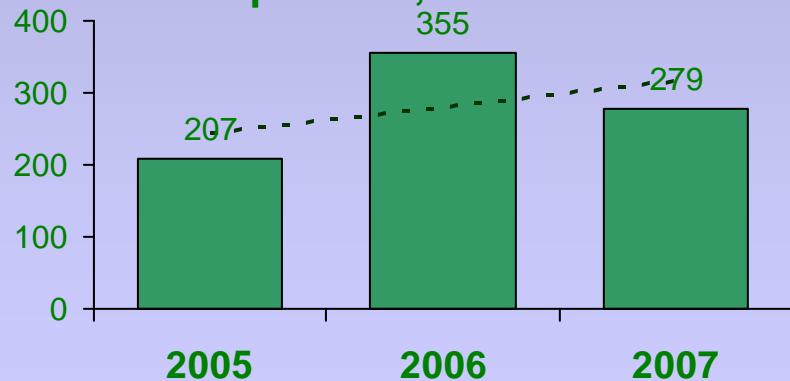
*Provisional data*

# Hepatitis C (chronic), South Dakota

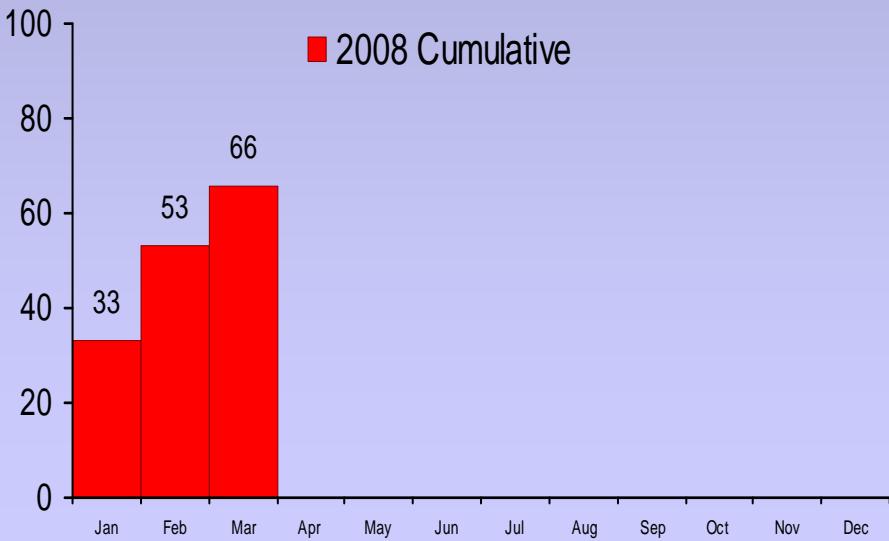
**Hepatitis C**  
South Dakota 66 Cases (Rate 8.4 cases per 100,000 population)



**Hepatitis C, SD 2003-2007**



**Cases by month, 2008**



Hepatitis C fact sheet:

<http://doh.sd.gov/diseasefacts/HepatitisC.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 March 2008

*Provisional data*

# Rabies, South Dakota

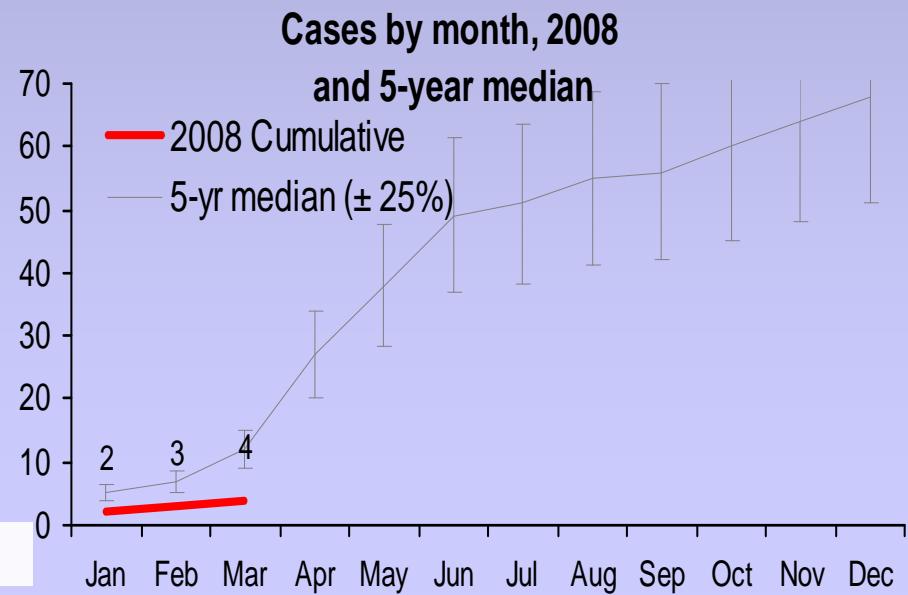
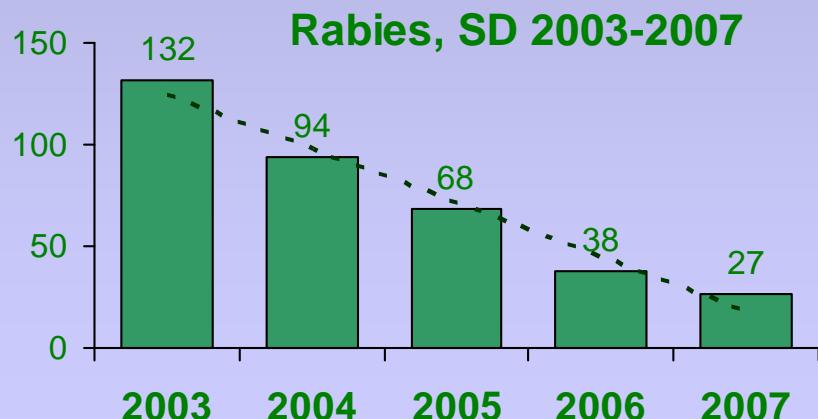
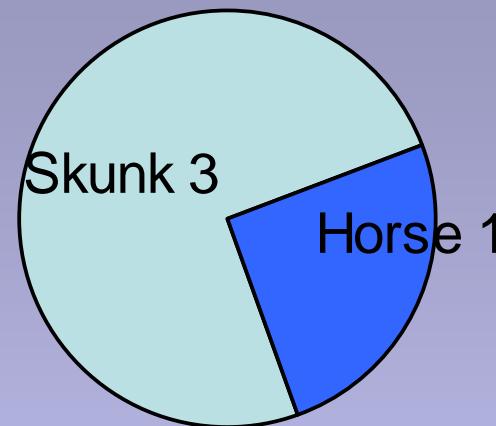
## County: rabid animals 4

Clark: horse 1

Grant: skunk 1

Gregory: skunk 1

Lake: skunk 1



Rabies fact sheet: [www.state.sd.us/doh/Pubs/rabies.htm](http://www.state.sd.us/doh/Pubs/rabies.htm)

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

**1 January – 31 March 2008**

*Provisional data*

# Other diseases, South Dakota, Year-to-date 2008

Disease	Total cases YTD	5-yr median	Central	Northeast	Southeast	West
Chicken pox	13	17	1	0	1	11
Cyclospora	1	0	--	-	-	-
Hepatitis B, chronic	4	-	0	1	3	0
Hepatitis E	1	0	-	-	-	-
Legionnaires' disease	1	0	0	0	0	1
Meningococcal, invasive	1	1	0	0	1	0
Pertussis	1	6	-	-	-	-
Strep A, invasive	9	4	4	1	2	2
Strep B, invasive	3	3	1	1	0	1
Strep pneumo, invasive, < 5 yrs of age	4		2	0	1	1
Tuberculosis	2	5	0	0	1	1

# Reportable Diseases List:

<http://doh.sd.gov/Disease/Report.aspx>

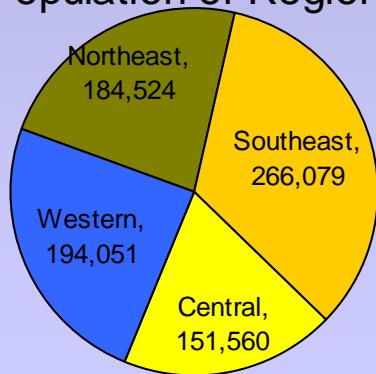


## To report infectious diseases

- Secure website: [www.state.sd.us/doh/diseasereport](http://www.state.sd.us/doh/diseasereport)
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "Confidential Disease Report"

**Case definitions:** [www.cdc.gov/ncphi/disss/nndss/phs/infdis2008.htm](http://www.cdc.gov/ncphi/disss/nndss/phs/infdis2008.htm)

Population of Regions



Monthly surveillance reports  
<http://doh.sd.gov/ID/site.aspx>

South Dakota 2007 population est: 796,214